

Department of Aeronautics and Astronautics Naval Postgraduate School

Faculty Vita

Raymond P. Shreeve

Professor
Mail Code: AA/Sf
Department of Aeronautics and Astronautics
Naval Postgraduate School
699 Dyer Road, Room 137
Monterey, California 939434-5106
e-mail: shreeve@nps.navy.mil

Education:

Ph.D. Aeronautical Engineering, University of Washington, 1970
M.S.E. Aeronautical Engineering, Princeton University, 1961
B.Sc. Aeronautical Engineering, Imperial College, London, 1958

Related Experience (Teaching, Industrial, etc.):

Visiting Scholar, University of Queensland, Australia, 1998.
NAVAIR Visiting Research Professor in Aeronautics, 1972-74.
Research Engineer/Scientist, Boeing Scientific Research Laboratories, Seattle, Washington, 1962-71.
Research Associate, Princeton University Gas Dynamics Laboratory, 1960-62.

Institutional and Professional Service (Last 5 Years):

NPS Research Board, 2000-2001
Chair, NPS Sabbatical Advisory Committee, 1999
Director, NPS Turbopropulsion Laboratory, 1978-present

Honors and Awards:

Faculty Advisor Certificate, AIAA Foundation Graduate Team Engine Design Competition,
2nd Place, 1996-97
Certificate of Recognition, Outstanding Instructional Performance, Naval Postgraduate School, 1996
Certificate of Recognition, Outstanding Research Achievement, Naval Postgraduate School, 1966

Scientific and Professional Society Membership:

American Institute of Aeronautics and Astronautics
American Society of Mechanical Engineers
Sigma Xi

Principal Publications (Last 5 Years):

Shreeve, R. P., Seivwright, D. L. and Hobson, G. V., "Navy Rotor Spin Research Facility and Initial Program," 4th National Turbine Engine High-Cycle Fatigue Conference, Monterey, California, February 9-11, 1999.
Abdelhamid, H. F. and Shreeve, R. P., "Sweep in a Transonic Fan Rotor: Part 1. 3D Geometry Package," ASME Paper 98-GT-578, 43rd ASME Gas Turbine and Aeroengine Technical Congress, Exposition and User's Symposium, Stockholm, Sweden, June 2-5, 1998.

- Abdelhamid, H. F., Shreeve, R. P. and Hobson, G. V., "Sweep in a Transonic Fan Rotor: Part 2. CFD and Stress Analyses," ASME Paper 98 GT-579, 43rd ASME Gas Turbine and Aeroengine Technical Congress, Exposition and User's Symposium, Stockholm, Sweden, June 2-5, 1998.
- Seivwright, D. L. and Shreeve, R. P., "Flat Plate in a Highly Under-Expanded Sonic Jet," Preprint AIAA 97-0066, 35th AIAA Aerospace Sciences Meeting and Exhibit, Reno, Nevada, January 15-18, 1997 (to be published in *AIAA Journal*).
- Kaul, U. K. and Shreeve, R. P., "Full Viscous Modeling in Generalized Coordinates of Heat Conducting Flows in Rotating Systems," *Journal of Thermophysics and Heat Transfer*, vol. 10, no. 4, October-December, 1996.
- Moyle, I. N., Walker, G. J. and Shreeve, R. P., "Case Wall Pressures in a Multistage Axial Compressor with Tip Clearance Variation," *Journal of Propulsion and Power*, vol. 12, no. 5, September-October, 1996.